

"VITROLITE"  
**SPECIFICATIONS**



VITROLITE  
SPECIFICATIONS



# VITROLITE

## SPECIFICATIONS

PUBLISHED IN LONDON BY  
PILKINGTON BROTHERS LIMITED

ST. HELENS, LANCASHIRE; IN COLLABORATION WITH THE  
BRITISH VITROLITE COMPANY LTD

164 SHEPHERDESS WALK, HOXTON, LONDON, N.1

TELEPHONE: CLERKENWELL 1187. BRANCH OFFICES AT  
25 HIGH STREET, DONCASTER & 44 ST. NICHOLAS STREET, BRISTOL

Supplies are obtainable through the usual trade channels

"VITROLITE" IS THE REGISTERED TRADE MARK OF THE BRITISH VITROLITE COMPANY LIMITED



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# CONSTRUCTIONAL DETAILS

In presenting this publication, we should like to point out that constructional details have been illustrated and explained wherever it was thought to be necessary, but that if any points are not clear or any unusual problems arise, which are not dealt with in this book, the technical department will be glad to give its assistance.



# VITROLITE

## GENERAL DESCRIPTION

VITROLITE is a Rolled Opal Glass, ranging from semi-opacity to complete opacity. One surface is usually impressed with a pattern of narrow parallel ribs, which provide a key for the mastic or other material with which the glass is fixed. The glass has a hard, brilliant, fire-finished surface.

## THICKNESS

Coloured VITROLITE . . . . .  $\frac{5}{16}$ " and  $\frac{7}{16}$ "  
White and black VITROLITE only . . . . .  $\frac{5}{16}$ ",  $\frac{7}{16}$ ",  $\frac{3}{4}$ ", 1"

## APPROXIMATE AVERAGE WEIGHT PER SQ. FOOT

	Coloured <i>lb. oz.</i>	White <i>lb. oz.</i>	Black <i>lb. oz.</i>
$\frac{5}{16}$ " . . . . .	4 2	4 2	4 3
$\frac{7}{16}$ " . . . . .	5 10	5 10	6 0
$\frac{3}{4}$ " . . . . .	—	9 7	9 6
1" . . . . .	—	12 12	12 11

## SIZE

### 1 Maximum Manufacturing Sizes

$\frac{5}{16}$ " and  $\frac{7}{16}$ " VITROLITE—125/140" long  $\times$  50/60" wide.

$\frac{3}{4}$ " and 1" VITROLITE—100/140" long  $\times$  50/55" wide.

### 2 VITROLITE can be supplied in stock sheets and cut sizes, but ashlar sizes are recommended and are less costly to fix.

### 3 Ashlar Sizes

$\frac{5}{16}$ " VITROLITE is supplied, with edges true ground, in the following standard ashlar sizes :—

10"  $\times$  15"

12"  $\times$  18"

15"  $\times$  15"

14"  $\times$  21"

### 4 For special sizes, consult the manufacturers.

## COLOURS

VITROLITE is supplied in the following colours :—

Black and White.

### Ordinary Colours

Green, Eggshell, Wedgwood, Turquoise, Pearl Grey, Green Agate.

### Special Colours

Ivory, Primrose, Shell Pink, Royal Blue Agate, Walnut Agate and Golden Agate, Tango and Cadmium Yellow.

(A colour chart will be found at the end of the book, where in the case of the agates a representative piece has been reproduced)

# VITROLITE FLOORS

## GENERAL DESCRIPTION

A special kind of VITROLITE is made for use on floors. Instead of the usual fire-finished surface, VITROLITE Floor Tiles are finished with a dull, non-slippery surface. They make a particularly good floor for bathrooms, etc. Slight variation in the colour of the tiles gives a pleasing mosaic effect.

## DIMENSIONS

VITROLITE Floor Tiles are  $\frac{5}{16}$ " thick by  $1\frac{7}{8}$ " square and are laid to a gauge of 6 tiles to the foot run or 36 to the square foot.

## COLOURS

*Colours*—Black, Green, Turquoise, Wedgwood, Pink, Ivory, White.

Pressed tiles can also be supplied in clear Cathedral Glass in the following colours—Green, Blue, Pink, White and Light Amber.

*"VITROLITE" is the registered trade mark of The British Vitrolite Company Limited*

# FIXING OF VITROLITE

## MEASURING

It is not necessary to take measurements and prepare working drawings for straightforward schemes in standard Ashlar comprising skirting and capping with Ashlar filling providing the fixer is capable of visualising the arrangement of the joints for each wall prior to commencing to fix. The approximate requirements can be obtained from the plan which accompanies the enquiry, and it is advisable to include a few extra Ashlars, not exceeding 5 per cent. of the total quantity, as spares.

Difficult schemes should be measured accurately, and the position of all fittings must be settled when this is done. The measurer marks a datum line round the room at a convenient height and works from this, checking the floor level, recording any unevenness and noting the positions of all accessories and fittings for which wood fixing blocks should be provided. Passing and butt joints should be arranged in such a way as to produce the best effect.

## INTERIOR

A plumb-true and rigid substructure is essential if the best results are to be obtained—Portland Cement screed composed of one part cement to three parts sand (without the addition of any Free Lime) provides the most suitable backing for VITROLITE. It should be applied with a wood float finish as this leaves a better keying surface than a smooth trowel finish. When the screed is dry, and not before, the area to be covered should be given a coat of Gripon Sealer well brushed in, particularly where the depressions occur. Normally one coat of Sealer is sufficient, but a second coat may be advisable if the screed is dusty, or if the first coat dries dull and patchy. Allow about six hours for the Sealer to dry before commencing fixing. As a general guide, half a gallon of Sealer should be sufficient for an area of ten to twelve square yards.

Start fixing with the skirting and see that it is bedded firmly and evenly all round the room; if the floor is not level begin at the lowest point and work towards the highest, cutting the rake off the bottom edge to ensure a perfectly level line along the top edge. Proceed with the upper courses of panels according to the setting

out on the working drawings. Brush the ribbed back of each panel with a hard, dry brush and see that the VITROLITE is clean and dry before applying the mastic. Work the Grip-on Mastic into a roll about one inch diameter and apply in daubs approximately 2" long at intervals of 3" to 4", so that pressure is needed to set each panel into position with a rotating movement of the hands; this will cause the mastic to spread and obtain a firm grip upon the wall and the VITROLITE, leaving a bed of from  $\frac{3}{16}$ " to  $\frac{1}{4}$ ". About 70 per cent. of the back surface of each panel should be covered with mastic when it is in position on the wall. As a general guide, one cwt. of mastic should be sufficient to fix 8 to 10 square yards of VITROLITE.

The space between the joints can be varied to suit any kind of scheme, but it will usually be found that pieces of cardboard about the thickness of a visiting card are the most suitable for forming a cushion between horizontal joints; two pieces about  $1" \times \frac{1}{4}"$  should be placed at the ends of each Ashlar and set back slightly from the face—this prevents the edges from coming together and shelling, it also provides a key for the pointing as well as an even joint. Where joints of greater width are required a wood or other fillet should be inserted when fixing.

When decorative strips in the form of narrow bands are introduced horizontally, it is advisable to support the panels immediately above on galvanised metal anchors, or alternatively, apply a daub of Keenes Cement at both ends of each strip in addition to mastic. Either of these methods will prevent the strips being pushed out by the downward thrust of the upper panels.

To guard against panels being pushed in behind the basin and flushing cistern, or in any other positions where fittings are to be screwed, apply a few daubs of Keenes Cement in addition to the usual amount of mastic. Avoid difficult notches, particularly round large fittings; joints are better and it is a simple matter to introduce them without disturbing the balance of the scheme. Square holes should also be avoided.

Bed window sills almost solid and use a little Keenes Cement to keep them firm. At the top of the bath and round the tray of the shower, the edges of the VITROLITE should be buttered with pointing compound to make the joints waterproof. Point all joints with white lead in oil, mixed with a little white oil varnish or gold size. If coloured joints are required, add powder pigments or mix with oil colours to obtain the correct shade. (Where vermilion or orange coloured joints are required Red Lead should be substituted for White Lead.)

Fill in the space at the top of the dado with a solid ribbon of mastic, and protect the mastic bed by running a narrow Keenes Cement fillet from the wall face to the back edge of the VITROLITE.

Mirrors can be fixed with mastic flush to the surrounding VITROLITE or superimposed on to the face of the VITROLITE by means of chromium-plated or decorative glass-headed screws. In each case the silvering must be protected from the mastic bed and dampness by covering the back with lead foil and one coat of paint. All mirrors fixed flush with the VITROLITE should have flat polished edges which must be perfectly clean before fixing.

If a Portland Cement screed is not available, it is safe to fix to hard and seasoned plaster, and to Asbestos flat sheeting such as Polite, which should be quite rigid and plumb true. The studding should not be more than  $1\frac{4}{15}$  inches centre to centre. It is extremely dangerous to fix direct to wood which reacts strongly to temperature changes.

## EXTERIOR

For outside work where conditions are more severe, extra precautions are necessary, and it is important that VITROLITE, which has less expansion than wood, masonry or metal, should not be in direct contact with these or any other structural materials. A plumb and true Portland Cement screed as recommended for inside work provides an ideal backing for this type of installation. It should be allowed to dry before being given a good coat of Sealer, and if the Sealer dries dull and patchy, a second coat should be applied. The plinth or stall risers must be set upon a cushion of Griponex Mastic and expansion tape or lead strip; only in exceptional circumstances should the bottom edge be allowed to pass below the level of the pavement; in this event adequate provision must be made for free expansion of the glass where it meets the pavement by having  $\frac{1}{2}$ " space between the glass and pavement, which should be filled in with mastic. Apply the Griponex Mastic in daubs at 3"-4" intervals, as for interior fixing, and run a continuous ribbon all round each panel so that when it is in position there is little risk of moisture reaching the daubs through joints; butter all edges and place a strip of expansion tape between all horizontal joints.

Protect the mastic bed in all exposed places by fixing metal sections, lead flashings, etc., and if the installation exceeds 8 feet in height introduce metal anchors

or clips underneath every alternate course of panels thereafter. Metal sections are recommended for surrounds to openings, canopies, copings and other exposed positions. It is desirable for panels to pass underneath metal or wood sills or behind metal window frames, but in all cases an expansion joint must be provided. Installations should be thoroughly pointed up with Gripnax Mastic.

## CEILINGS

One of the undermentioned methods should be adopted :—

- (1) Cover the ceiling with T. & G. boards, select a glass size about 18" x 18" or 24" x 24", but not exceeding 4 feet super, and separate each square by a wood fillet which will take the screws for fixing a metal or wood cover bead over the joints.
- (2) If a concrete ceiling exists and cover beads are not desired, nip the corners off the panels and secure them by Staybrite Screws with rosettes or large washers fixed at all intersections and screwed into wood blocks let into the concrete.
- (3) Where the VITROLITE is required to span existing joists cover beads or screws at intersections can be used.

One of the following two alternatives should be adopted as an additional means of support. The reason for recommending an additional support is that in the event of a square being broken by external causes the pieces would be retained in position until replacement is effected.

- (a) Paint a coat of Gripnax Sealer on the boards and put a thin cushion of mastic between the ceiling and the back of the panels.
- (b) Fix pieces of Hessian or similar canvas to the backs of the panels with a mixture of boiled oil and varnish.

Point joints with a similar compound to that recommended for internal fixing.

## COUNTER TOPS AND FRONTS

**COUNTER TOPS.** Counters should be bedded almost solid to a Portland Cement screed base, or a suitable alternative such as Poilite or laminated board securely fastened to the under-carriage.



Treat the wood or screeded top with a good coat of Gripon Sealer and allow to dry before applying the mastic. Then set the VITROLITE on to the mastic.

It is advisable to add a few daubs of Keenes Cement to prevent the panels from being disturbed before the mastic sets off.

A continuous metal strip or wood fillet can be fixed along the exposed polished edges of the top, which will greatly reduce the risk of damage to these edges, and will also act as a cover to the mastic bed in cases where VITROLITE is not to be fixed on the counter fronts.

If the front does not slope outwards from the base, the skirting should be set back a little to a height of approximately 6" from the floor. The bottom edge of the VITROLITE above this recess should be supported on metal anchors or a continuous metal angle or strip. In cases where the panels are to be fixed to a front sloping outwards from the base, it is necessary for the top and bottom edges of these panels to be secured on the face by special metal clips or a continuous metal angle.

## FLOORS

VITROLITE floor tiles should be laid on a Concrete floor if the best results are to be obtained. In renovation work where a wood floor already exists, it has been found suitable to fix  $1" \times \frac{1}{4}"$  wood laths at 12" centres and to cover these with galvanised wire netting securely spiked to the laths and anchored to the floor with galvanised staples. A Portland Cement screed (1-3) applied to a depth of  $\frac{1}{2}"$  to  $\frac{5}{8}"$  will provide a firm base for the floor tiles; it should be kept as even as possible, and when set, the tiles can be fixed on a  $\frac{1}{4}"$  to  $\frac{3}{8}"$  bed of Portland Cement and Sand. Allow 24 hours for setting and grout neat cement into the joints; the cement should stop just below the top surface of the floor tiles.

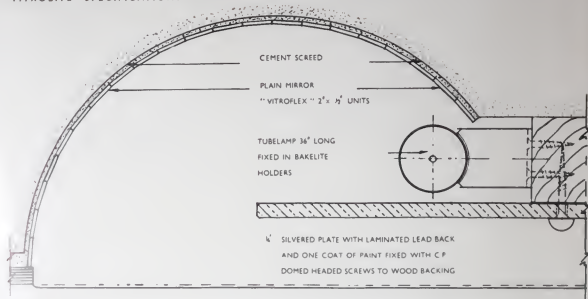


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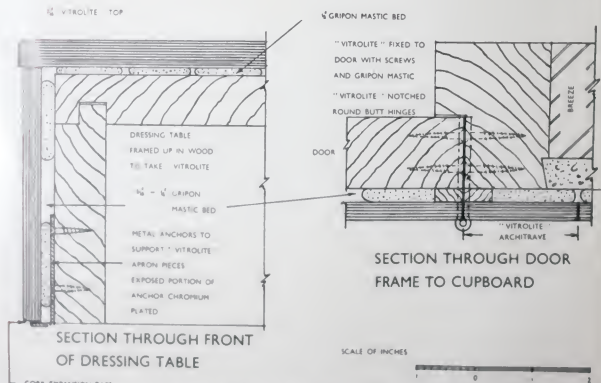
## BATHROOMS

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# "VITROLITE" SPECIFICATIONS



## SECTION THROUGH VERTICAL RECESSES ABOVE BASIN



DETAILS OF BATHROOM AT KEIGHLEY · YORKS

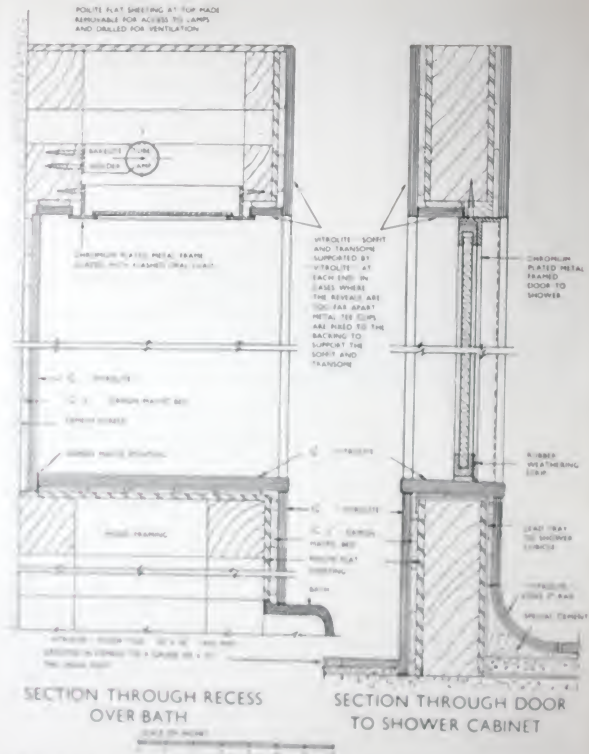


BATHROOM IN A PRIVATE HOUSE KEIGHLEY YORKSHIRE

## • SPECIFICATION

Panel of  $\frac{1}{8}$ " eggshell Vitrolite form a dado.  $\frac{1}{4}$ " silvered plate is fixed above the lavatory basin with concave recesses on each side lined with plain silvered Vitroflex  $2 \times \frac{1}{4}$ " units, acting as reflectors to the tubelamps concealed behind the mirror. Above the dressing table, which is covered with  $\frac{1}{8}$ " eggshell Vitrolite, a  $\frac{1}{4}$ " silvered plate with brilliant cut facets forming clock chaplets is fixed flush with the strips of shaded sandblast frosted Vitrolite on each side.  $\frac{1}{8}$ " eggshell Vitrolite is fixed to all the doors with chromium-plated dome-headed screws and a small cushion of mastic. Upon the floor of the bathroom and shower recess, eggshell and green Vitrolite floor tiles are laid and grouted in Portland Cement to a gauge of 6 lb. 1 lineal foot. (The details of the bath are on the following page)

# "VITROLITE" SPECIFICATIONS



DETAILS OF BATHROOM AT KEIGHLEY - YORKSHIRE



BATHROOM IN A PRIVATE HOUSE • KEIGHLEY • YORKSHIRE

## • SPECIFICATION

Panels of  $\frac{1}{8}$ " eggshell Vitrolite are fixed to form a dado 6' 9" from the floor. The bath wall is boxed out to form Shower Cubicle, recesses at the back and end of the bath, and a door wall screening off the W.C. The recess at the end of the bath is lined in  $\frac{1}{2}$ " dull grey silvered Plate, and Feathered Washboard glass silvered on the smooth side with satin finished ribs. The flooring in the recess at the back of the bath consists of strips of  $\frac{1}{2}$ " dull grey silvered Plate Glass, and strips of Vitrolite on either side with vertical shaded sandblast flutes tinted to match the bath. The soffits of the bath recesses are illuminated through flashed opal glass fixed in staybrite steel frames. *(The details of the basin, dressing table and floor are on the previous page)*

## • SPECIFICATION

The wall lining from floor to ceiling is in alternate courses of light and dark  $\frac{1}{8}$ " green Agate Vitrolite ashlars  $14" \times 21"$ , with two narrow bands just below ceiling height. The recess above the basin is lined with Vitrolite of the same colour. A mirror-faced cabinet is fixed immediately above, with tubular lighting on either side.





SHOW BATHROOM

MESSRS. SHANKS & CO. LTD · BOND STREET · LONDON

## • SPECIFICATION

The Vitrolite wall lining from the floor to the top of the boxed-out shelves consists of alternate courses of light and dark  $\frac{1}{16}$ " green Agate Vitrolite, with panels of  $\frac{1}{16}$ " eggshell Vitrolite above, and two narrow bands of  $\frac{1}{16}$ " walnut Agate Vitrolite near the top. A feature has been made of walnut Agate Vitrolite, which forms a surround to a mirror fixed flush.



PRIVATE HOUSE AT CRANLEIGH · SURREY

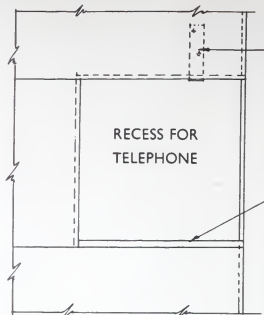
## • SPECIFICATION

*Ground Floor Cloakroom :* The skirting is in  $\frac{5}{16}$ " green Vitrolite, with courses of  $15" \times 10"$  cloudy primrose Vitrolite ashlars, and above are bands of green Vitrolite separated by a band of cloudy primrose Vitrolite. The top band, which has a half-rounded and polished edge, is carried round the mirror as a feature. The joints are pointed in colour. The floor is of pressed Vitrolite tiles laid and grouted in Portland cement to a gauge of 6 to 1 lineal foot.



HOUSE AT COPMANTHORPE · NEAR YORK

"VITROLITE" SPECIFICATIONS



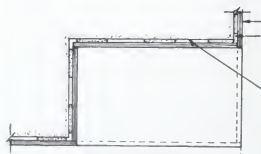
ELEVATION

METAL TEE CLIP  
TO SUPPORT SOFFIT  
AND VERTICAL FACE  
PANEL

$\frac{1}{4}$ " "VITROLITE"



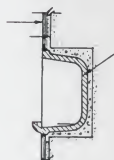
VERTICAL SECTION



HORIZONTAL SECTION

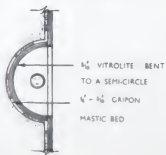
TELEPHONE RECESS

$\frac{1}{4}$ " "VITROLITE"  
 $\frac{1}{2}$ " X  $\frac{1}{2}$ " GRIPPON  
MASTIC BED  
CEMENT SCREED



GLAZED  
EARTHENWARE  
FITTING FIXED  
WITH CEMENT

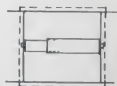
SOAP RECESS



$\frac{1}{4}$ " "VITROLITE" BENT  
TO A SEMI-CIRCLE  
 $\frac{1}{2}$ " -  $\frac{1}{2}$ " GRIPPON  
MASTIC BED

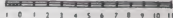


REVEALS DRILLED  
TO FORM SOCKETS  
FOR SPRING ROLLER



ELEVATION

SCALE OF INCHES



BATHROOMS AT THE SAVOY HOTEL · LONDON



BATHROOMS AT  
THE SAVOY HOTEL  
LONDON

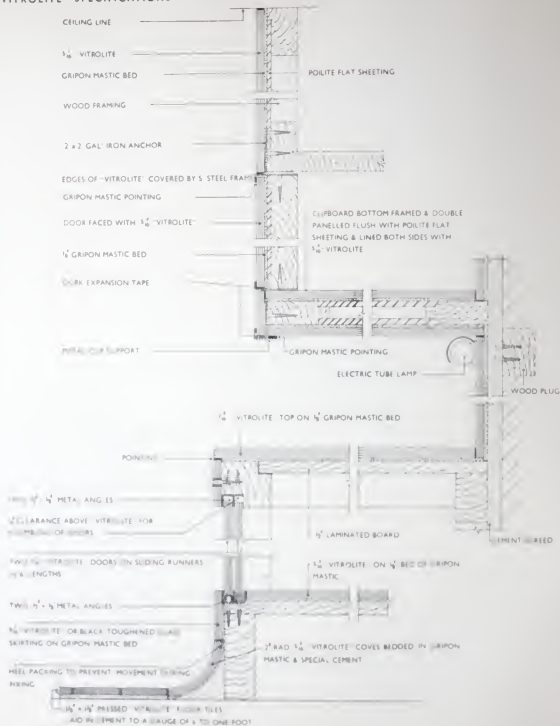


ARCHITECTS: STANLEY HALL, EASTON & ROBERTSON F.F.R.I.B.A.

## • SPECIFICATION

The wall lining to these bathrooms is in  $\frac{1}{4}$ " Vitrolite to dado height. Each bathroom has a different colour scheme with bands, panels, semi-circles, etc., of contrasting colours. The principal colours employed are shell pink, pearl grey, turquoise blue, eggshell, golden Agate and primrose. Above are three "close-ups" which illustrate how a feature can be made of recesses and shelves.

# "VITROLITE" SPECIFICATIONS



DETAIL SECTION THROUGH KITCHEN CUPBOARD





## EXHIBITION KITCHEN

CORPORATION ELECTRICITY DEPARTMENT · SUNDERLAND

BOROUGH ELECTRICAL ENGINEER &amp; GENERAL MANAGER

WILLIAM A. ROYLE A.M.I.E.E. A.M.I.Mech.E. A.M.I.E.E.

## • SPECIFICATION

These walls are faced to the tops of the cupboards with  $\frac{1}{8}$ " green Vitrolite ashlar 10" x 15". Above is  $\frac{1}{8}$ " primrose Vitrolite with a band of  $\frac{1}{8}$ " green. The tops of the table and cupboards are of  $\frac{3}{16}$ " primrose Vitrolite.

## • SPECIFICATION

This scheme consists of a skirting in  $\frac{5}{16}$ " black Vitrolite with courses of  $\frac{5}{16}$ " eggshell ashlar 12"  $\times$  18" above, followed by a band of  $\frac{5}{16}$ " black Vitrolite. A capping of  $\frac{5}{16}$ " eggshell Vitrolite completes the dado. Panels of  $\frac{5}{16}$ " black Vitrolite are fixed behind the sink and refrigerator.



KITCHENS IN A BLOCK OF FLATS

15 PORTMAN SQUARE

- SPECIFICATION This kitchen has a  $\frac{7}{16}$ " black Vitrolite skirting and the rest of the wall covering is  $\frac{5}{16}$ " primrose Vitrolite ashlar 14"×21" with a  $\frac{5}{16}$ " black Vitrolite band at dado height.



LINCOLN CO-OPERATIVE SOCIETY'S NEW PREMISES  
FREE SCHOOL LANE · LINCOLN

ARCHITECTS : C.W.S. ARCHITECTS' DEPARTMENT

• SPECIFICATION

Vitablit is a fast acting, 100% organic, blue crystalline solid (mp 100°C). The product has been found to be highly stable in a moist, oxygenated environment and is not adversely affected by heat or light.



KITCHEN IN A PRIVATE HOUSE

ROCHDALE ROAD · HALIFAX





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• SPECIFICATION

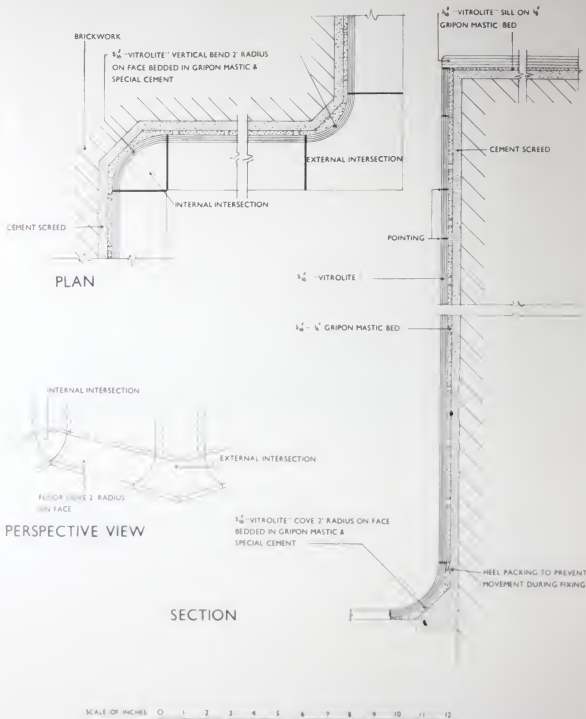
The walls are lined to door height with  $\frac{5}{16}$ " eggshell Vitrolite ashlars  $14" \times 21"$  with a skirting of  $\frac{5}{16}$ " black Vitrolite and a band of  $\frac{5}{16}$ " green Agate Vitrolite below the eggshell capping.



VICTORIA INFIRMARY GLASGOW

ARCHITECTS WATSON, SALMOND & GRAY AREA 1800

# "VITROLITE" SPECIFICATIONS



DETAIL SECTION AND PLAN THROUGH WALLING



DENTAL SURGERY · ST. HELENS

ARCHITECT: HERBERT J. ROWSE F.R.I.B.A.

## • SPECIFICATION

This scheme comprises  $\frac{5}{16}$ " ivory Vitrolite in  $14" \times 21"$  ashlar, with narrow bands of  $\frac{5}{16}$ " eggshell Vitrolite to provide relief. Bent coves,  $2"$  radius, provide the junction between the wall lining and the rubber floor, and in addition, three-way intersections are used at all internal and external corners. The scheme finishes with a narrow strip of ivory Vitrolite under a plaster ceiling cove.

## • SPECIFICATION

[illegible]



A HOSPITAL IN HAMPSHIRE





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**CLOAKROOMS AND  
LAVATORIES**

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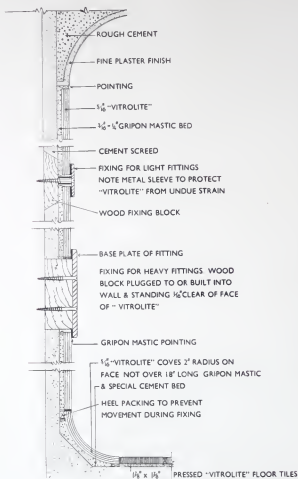
## • SPECIFICATION

Shade of  $\frac{1}{2}$ " premium Florida bone from Sand across a Tennessee River trout, with arrangement of  $\frac{1}{2}$ " green Super Florida. The wall behind the house is built out to conceal the pipes and house is built. The house at the half supports the house not built in stone glass with untreated glass lighting heavily on pipes with the all wall with it built out to be  $\frac{1}{2}$ " premium Florida.



GREAT EASTERN HOTEL · LONDON

# "VITROLITE" SPECIFICATIONS

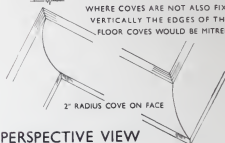


## ALTERNATIVE

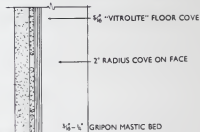
IN ROOMS WHERE THERE WILL BE CONSIDERABLE CHANGE IN TEMPERATURE RESULTING IN SURFACE CONDENSATION OF MOISTURE ON THE CEILING AS WELL AS THE WALLS, FINISH THE CEILING COVE TO ALLOW THE MOISTURE TO DRIP CLEAR OF THE "VITROLITE"

## SECTION

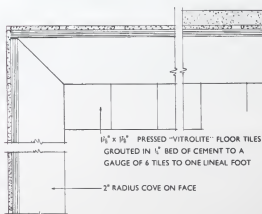
WHERE COVES ARE NOT ALSO FIXED VERTICALLY THE EDGES OF THE FLOOR COVES WOULD BE MITRED



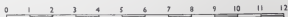
## PERSPECTIVE VIEW



## PLAN



SCALE OF INCHES



## DETAIL SECTION AND PLAN THROUGH WALLING



LADIES' TOILETS · MESSRS. DALY'S · GLASGOW

ARCHITECTS: JOHN KEPPIE & HENDERSON  
CHARTERED ARCHITECTS

## • SPECIFICATION

The Dado is in  $\frac{1}{16}$ " black Vitrolite on a black Vitrolite cove and upper portion in  $\frac{1}{16}$ " green Agate Vitrolite. All  $12" \times 18"$  ashlar. The mirrors above the basins are fixed flush with the Vitrolite. The floor is of pressed green Vitrolite tiles with borders of black and ivory, laid and grouted in Portland cement to a gauge of 6 to 1 lineal foot.

## • SPECIFICATION

The  $\frac{1}{8}$ " Vitrolite wall lining from floor to ceiling is in horizontal courses of green and primrose Vitrolite ashlar  $14" \times 21"$ . The two lowest courses are in green followed by alternate courses of primrose and green with two courses of primrose Vitrolite above. A band of green Vitrolite completes the scheme underneath two courses of primrose. Above the lavatory basin and dressing table  $\frac{1}{4}"$  silvered plates have been fixed flush with the surrounding Vitrolite. Below the mirrors over the lavatory basins  $\frac{3}{4}"$  green Vitrolite shelves are supported on chromium-plated brackets.



LADIES' LAVATORIES · SELSDON PARK HOTEL

ARCHITECT: HUGH MACINTOSH F.R.I.B.A.

[illegible]

## 56





# STANDARD W.C. CUBICLES

- 1 The metal frames fixed in position.
- 2 Fixing the panels of  $\frac{7}{16}$ " Vitrolite back to back with Gripon Mastic.
- 3 The finished partitions.



[illegible]

## 50



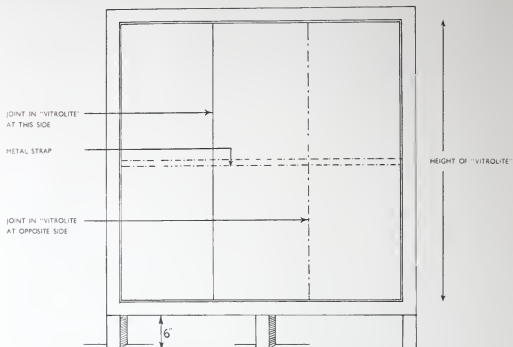
ELECTRICITY SHOWROOMS AND OFFICES · TORQUAY

BOROUGH ENGINEER AND SURVEYOR  
P. W. LADMORE A.M.I.C.E.

## • SPECIFICATION

Partitions are composed of four panels of  $\frac{1}{16}$ " pearl grey Vitrolite, fixed back to back in pairs, the centre joint being staggered. The  $\frac{3}{16}$ " Vitrolite on the walls and mullions butt to the face of the partitions, which rest on a mild steel 'I'ee section, supported in the centre by a satin finished chromium leg. The mullions and transoms are formed of pre-cast concrete faced in Vitrolite with the hinges and striking plates fixed to wood blocks flush with the Vitrolite. Toilet-paper holders are screwed to a reinforcing plate in the thickness of the partitions.

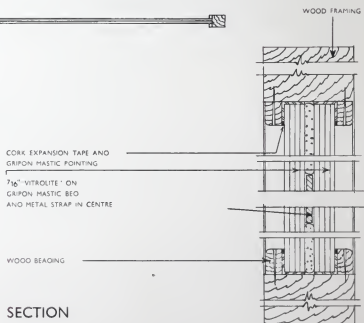
# "VITROLITE" SPECIFICATIONS



ELEVATION

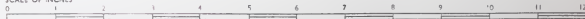


PLAN



SECTION

SCALE OF INCHES



DETAIL SECTION THROUGH PARTITION



UNDERGROUND SUBWAY AND PUBLIC LAVATORIES SCARBOROUGH

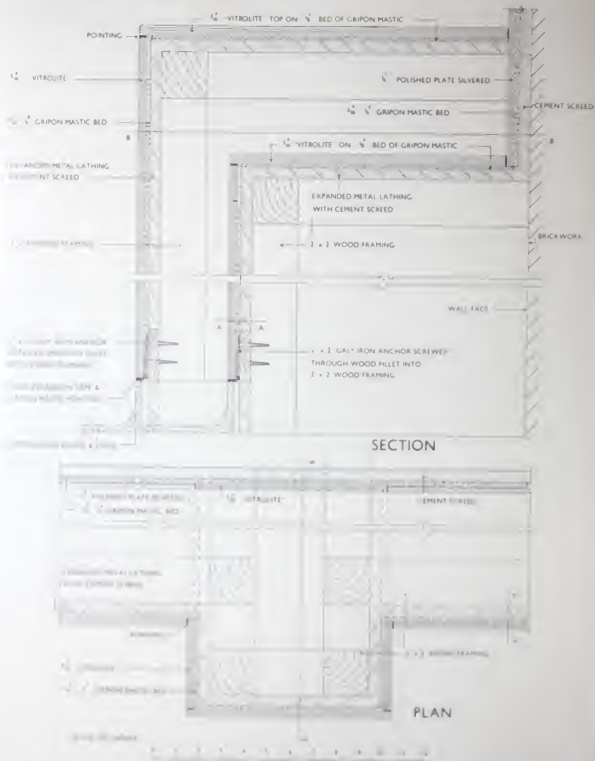
ARCHITECT AND BOROUGH SURVEYOR'S DEPARTMENT

## • SPECIFICATION

The scheme comprises an amount of 14' 11" width by 11' 6" deep grey Vitrified ware & covering of 1/2" Wedgwood Vitrified tile, polished finish.

Four pounds of 1/2" polished grey Vitrified ware floor, laid to form an even, smooth & polished surface as the lavatories. Over the wall, finish & amount of 18' 11" high by 12" wide at least, each separated by a band of black Vitrified.

# "VITROLITE" SPECIFICATIONS



DETAIL SECTION AND PLAN THROUGH DRESSING TABLE



LADIES' LAVATORY · PRINCE OF WALES HOTEL · SOUTHPORT

ARCHITECT : E. HARDMAN

## • SPECIFICATION

The scheme is composed of a  $\frac{5}{16}$ " black Vitrolite skirting followed by two bands of  $\frac{5}{16}$ " green Vitrolite, separated by a strip of  $\frac{1}{4}$ " pale amber Polished Plate glass silvered, and  $\frac{5}{16}$ " black Vitrolite with shaded sandblast flutes, the top edge of which coincides with the top of the wash-basins. The semicircular mirrors—in  $\frac{1}{4}$ " Polished Plate glass silvered—are fixed flush with the primrose Vitrolite, which is continued to approximately door height. Two bands of  $\frac{5}{16}$ " black Vitrolite above and below the  $\frac{5}{16}$ " ivory Vitrolite frieze complete the scheme.

Dressing tables have been arranged at the right-hand end of the room by facing the boxed out portions with  $\frac{5}{16}$ " black Vitrolite and providing shelves immediately in front of the large silvered plates which have decoration in the form of four narrow sandblast lines.

## SECTION THROUGH LAVATORY BASIN ON WINDOW WALL







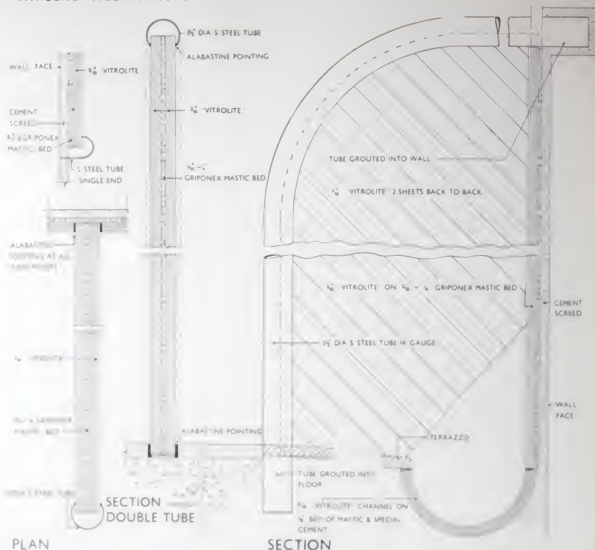
GENTLEMEN'S LAVATORIES · ROYAL STATION HOTEL · HULL

ARCHITECT: C. H. E. BRIDGEN ESQ. F.R.I.B.A.

## • SPECIFICATION

The walls are lined above the Terrazzo floor cove with  $\frac{5}{16}$ " pearl grey Vitrolite in standard  $12" \times 18"$  ashlar. The scheme is relieved by a black skirting and two bands of  $\frac{5}{16}$ " tango Vitrolite. The horizontal treatment is further emphasised by  $\frac{1}{8}"$  wide joints pointed in colour. Mirrors enlarge the apparent size of the room and are fixed flush with the surrounding Vitrolite. Illumination over the basins is obtained from tube lamps concealed behind mirror strips with clear sandblast lines. The W.C. partitions, which are not shown in the photograph, are composed of pre-cast concrete slabs  $1\frac{1}{2}"$  thick, raised  $4"$  from the floor, and the Vitrolite is fixed to them in the usual manner, the bottom course being supported on anchors. Around the door openings the Vitrolite is tucked behind a fillet on the frame or a superimposed wood architrave.

# "VITROLITE" SPECIFICATIONS



DETAIL SECTION AND PLAN THROUGH URINAL STALLS



URINAL STALLS · FIVE WAYS HOTEL · NOTTINGHAM

ARCHITECTS: BAILY AND EBERLIN A.R.I.B.A.

## • SPECIFICATION

The wall panels with the top exposed edge half rounded and polished, are in  $\frac{7}{16}$ " white Vitrolite, fixed to a Portland cement screed with Griponex Mastic. The same material fixed back to back forms laminated partitions, with a cushion of mastic between the panels, and the front edge covered by a slotted stainless steel tube recessed into the floor and wall, to provide rigidity.

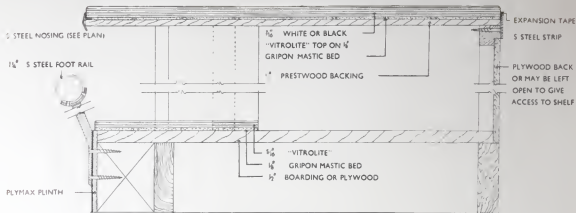


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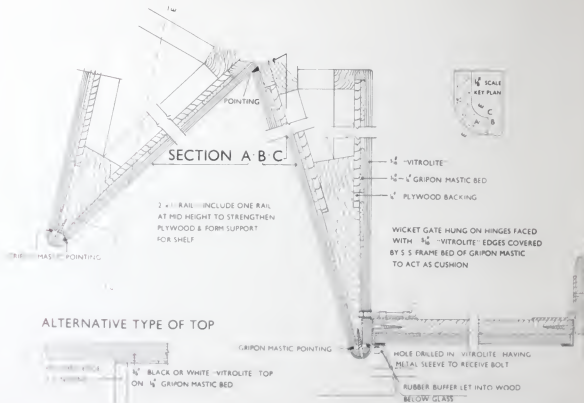
**LOUNGE AND  
COCKTAIL BARS**

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# "VITROLITE" SPECIFICATIONS



SECTION E-E



ALTERNATIVE TYPE OF TOP



SCALE OF INCHES 0 1 2 3 4 5 6 7 8 9 10 11 12

DETAIL SECTION AND PLAN THROUGH COCKTAIL COUNTER



COCKTAIL BAR AT WOODSIDE HOTEL AND COUNTRY CLUB  
NEAR HAILSHAM · SUSSEX

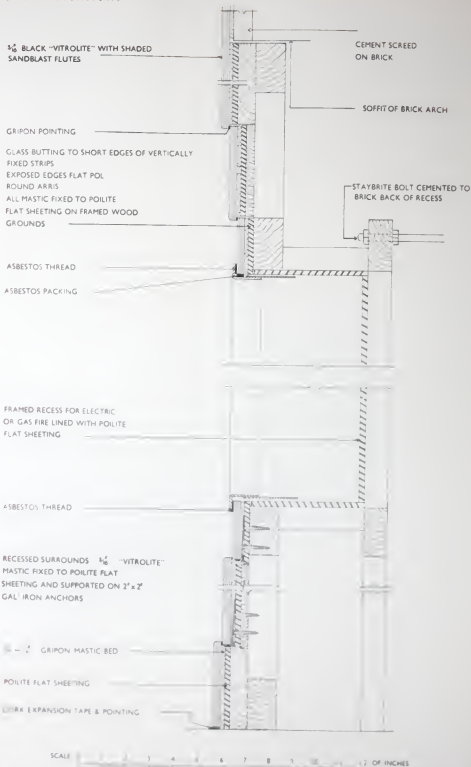
ARCHITECT : ALWYN UNDERDOWN FRISA

## • SPECIFICATION

The bar and access door are covered in  $\frac{5}{16}$ " Vitrolite. The exposed angles of the vertical knee spaces are covered by a rounded stainless steel bead, and the bar top has a special stainless steel section to protect the front edge and give a neat finish.

The bar top is in  $\frac{7}{16}$ " black Vitrolite with the V risers and door in  $\frac{1}{8}$ " green Agate Vitrolite. The wall behind the bar is in  $\frac{1}{8}$ " black Vitrolite with bands of  $\frac{1}{8}$ " golden Agate and green Vitrolite. The shelves are in  $\frac{7}{16}$ " green Agate Vitrolite.

# "VITROLITE" SPECIFICATIONS



## DETAIL SECTION OF FIREPLACE





UNION INN · DUNFERMLINE

ARCHITECT: R. H. MOTION L.R.I.B.A.

## • SPECIFICATION

The walls are in  $\frac{5}{16}$ " pearl grey and shell pink Vitrolite ashlar,  $10" \times 15"$  with relief in the form of  $\frac{5}{16}$ " turquoise and black bands. The fireplace is of  $\frac{5}{16}$ " black and pearl grey Vitrolite with a surround of  $\frac{5}{16}$ " black Vitrolite with shaded sandblast flutes. The mirrors have Brilliant Cut motifs and the bar top is fitted with  $\frac{5}{16}$ " black Toughened Glass.

## • SPECIFICATION

The dado below the decorative panel is of  $\frac{5}{16}$ " green Agate Vitrolite. The decorative panel is of  $\frac{1}{4}$ " Rough Cast Double Rolled Glass, silvered, with design consisting of brushed out silvered lines which are illuminated from behind. The panel is removable to provide access to the lamps and is held in position by a chromium-plated metal strip. On either side and above and below the decorative features are fixed squares of  $\frac{1}{4}$ " pale pink Rough Cast Plate Glass, silvered on the smooth side. The ribs which are on the face converge towards the decorative panel. The counter front and the wall behind the counter are faced with  $\frac{5}{16}$ " green Agate Vitrolite, the shelves being  $\frac{1}{4}$ " Armourplate glass supported by chromium-plated brackets. The end wall, which is not shown in the photograph, is carried out in Feathered Washboard glass silvered on the smooth side with vertical ribs on the face. Also on the same wall are illuminated pilasters of the same glass, sandblast on the smooth inner surface.



COCKTAIL BAR · BLACKPOOL WINTER GARDENS

ARCHITECT : ARCHITECTS' DEPARTMENT  
BLACKPOOL WINTER GARDENS & PAVILION CO. LTD.

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LIBERTON INN · LIBERTON · EDINBURGH

ARCHITECT: T. AIKMAN SWAN A.R.I.B.A.

## • SPECIFICATION

The walls are in  $\frac{5}{16}$ " black Vitrolite ashlar with colour-pointed joints. Pink polished plate glass silvered plaques with brilliant cut cartoon figures are superimposed on the face of the Vitrolite on either side of the bar. The curved walls at the entrance are in  $\frac{5}{16}$ " turquoise Vitrolite panels faceted. The fireplace surround is in pink silvered Plate Glass fixed flush with the Vitrolite. The bar is in turquoise Vitrolite with top and bottom bands of pink silvered Plate Glass and the bar top is in  $\frac{5}{16}$ " black Toughened Glass.

## • SPECIFICATION

(Above). The walls above the fixed seats are faced with  $\frac{5}{16}$ " ivory Vitrolite in 12" x 18" ashlar meeting the plaster frieze which projects slightly. Decoration is provided by curved lines sand-blast and painted orange and green, the colours being reversed on adjoining walls. On other portions of the room, the scheme is completed by courses of ivory Vitrolite above a skirting of  $\frac{5}{16}$ " green Agate Vitrolite. A feature has been made of the electric wall fittings by covering the curved faces with pink mirror Vitroflex.

(Below). This scheme comprises courses of  $\frac{5}{16}$ " green Agate Vitrolite ashlar 12" x 18" on a skirting of  $\frac{5}{16}$ " black Vitrolite. Relief is obtained by the introduction of three bands of  $\frac{1}{4}$ " champagne Rough Cast glass, polished one side and silvered, with the ribs running vertically on the face.



ANLABY PARK HOTEL · HULL

ARCHITECT: F. ROBSON LAIBA.





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Administrative  
Section

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## • SPECIFICATION

The goal being that there is nothing complex about getting to  $\mathcal{G}$  and you should always up your bid to the next integer in  $\mathcal{G}$  (unless you just got there). The first move is  $\mathcal{G}$  (purple circles) and then with a repeat of  $\mathcal{G}$  and just there. It's better that you without the system that only has one just had with the remaining there. The reason is that the first should be that a better understanding of what you.



LADIES' HAIRDRESSING SALOON · SELSDON PARK HOTEL

ARCHITECT: HUGH MACINTOSH F.R.I.B.A

• SPECIFICATION

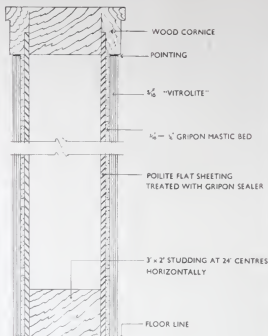
The walls are lined with panels of  $\frac{5}{16}$ " green Vitrolite relieved with a band of  $\frac{5}{16}$ " green Agate Vitrolite. A shelf is provided at the top of the boxed out portions and at the bottom of the mirror behind the basin.



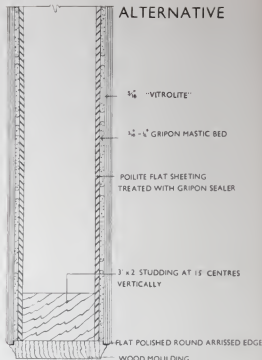
LADIES' HAIRDRESSING SALOONS · C.W.S. NEWCASTLE

ARCHITECT: L. G. EKINS FRIBA

# "VITROLITE" SPECIFICATIONS



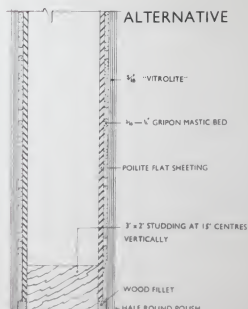
SECTION



PLAN



PLAN



PLAN

SCALE OF INCHES 0 1 2 3 4 5 6 7 8 9 10 11 12

DETAIL PLAN AND SECTION THROUGH PARTITION



HAIRDRESSING SALOON · LEWIS'S LTD · GLASGOW

## • SPECIFICATION

There are eighteen hairdressing cubicles arranged in pairs of one colour scheme. All are fitted in panels of  $\frac{5}{16}$ " Vitrolite with bands of contrasting colours, the main colours being : shell pink, primrose, green, green Agate and black, while the Chiropody cubicles are fitted with  $\frac{5}{16}$ " green Agate Vitrolite.

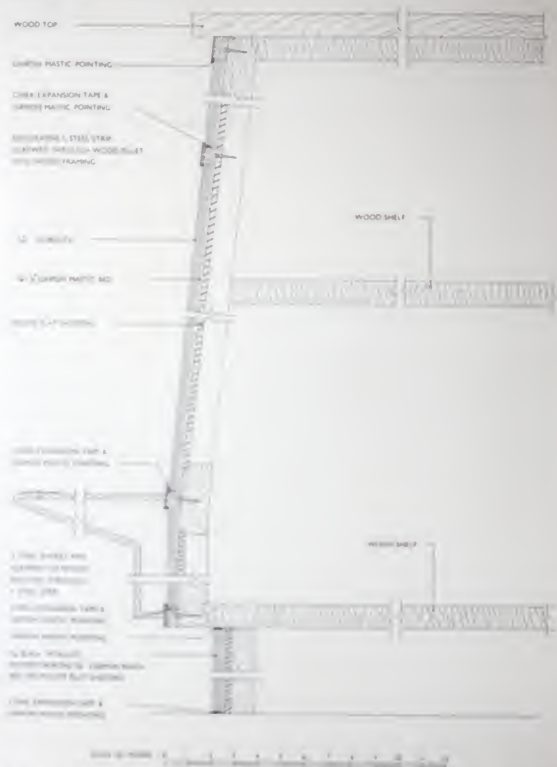




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SHOPS AND CAFES

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DETAIL SECTION THROUGH GREENGROCERY COUNTER



GREENGROCERY DEPARTMENT · C·W·S · NEWCASTLE

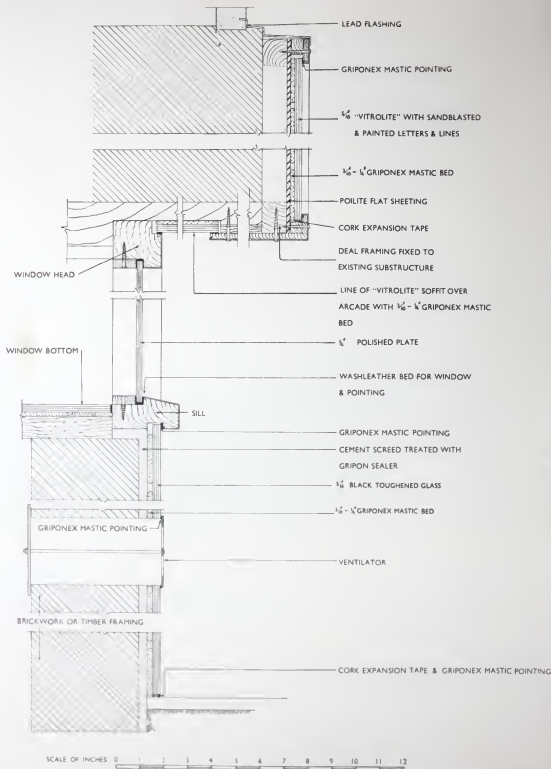
ARCHITECT: W. G. TOWNSEND-GRAY L RIBA

THE ARCHITECTS' DEPARTMENT, CO-OPERATIVE WHOLESALE SOCIETY  
NORTH-EASTERN AREA

## • SPECIFICATION

This scheme is in panel sizes of  $\frac{5}{16}$ " Vitrolite, the main colour being pearl grey with the frieze in two bands of white separated by a strip of green. Between the lower white frieze band and the pearl grey Vitrolite a wood panel is inserted with stainless steel strips to receive the metal letters. The facing to the counter fronts is in pearl grey with a recessed skirting of black Vitrolite.

# "VITROLITE" SPECIFICATIONS



DETAIL SECTION THROUGH SHOP FRONT



MESSRS. MARTINS · SAUCHIEHALL STREET · GLASGOW

## • SPECIFICATION

This fascia is of  $\frac{5}{16}$ " shell pink Vitrolite relieved by bands of  $\frac{5}{16}$ " white Vitrolite with sandblast lines painted black. The base is  $\frac{5}{16}$ " black Toughened Glass. The return to the entrance is  $\frac{5}{16}$ " shell pink Vitrolite with black and white bands, the external angle being covered by a metal strip.

## • SPECIFICATION

The exposed portions of the wall in this scheme are faced with  $\frac{1}{8}$ " Primrose Vitrolite in panel sizes, the vertical and horizontal joints being colour pointed.  $\frac{1}{8}$ " black Vitrolite is used for the facing of the counter fronts in panel sizes, the ends being bent in the case of the island showcase. The clear glass in this fitting consists of four pieces of "Armourplate" for the top, and the sides are in  $\frac{1}{4}$ " polished plate glass.



LIVERPOOL CO-OPERATIVE SOCIETY

ARCHITECTS: ORMROD AND BANISTER

# "VITROLITE" SPECIFICATIONS

CEMENT SCREED

$\frac{1}{2}$ " BLACK GLASS

$\frac{1}{4}$ " -  $\frac{1}{2}$ " GRIPONEX MASTIC BED

GRIPONEX MASTIC POINTING



HARDWOOD BLOCKS FLUSH WITH GLASS TO GIVE THE NECESSARY FIXING FOR BAKELITE HOLDERS

BAKELITE  
HOLDER

## FASCIA SUPPORT AND TUBE LAMP FIXING

CORK EXPANSION TAPE AND GRIPONEX MASTIC POINTING

### SECTION

GALVANISED METAL ANCHORS AT REQUIRED INTERVALS TO SUPPORT PANELS ABOVE PROJECTING STRIP

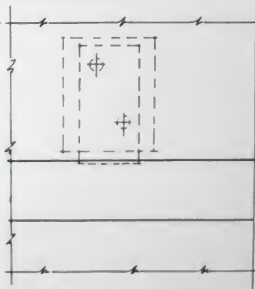
$\frac{1}{2}$ " -  $\frac{1}{4}$ " GRIPONEX MASTIC BED

## PROJECTING HORIZONTAL BANDS BETWEEN PILASTER PANELS

CORK EXPANSION TAPE AND GRIPONEX MASTIC POINTING

### SECTION

## PART ELEVATION



## PART ELEVATION

SCALE OF INCHES



CONSTRUCTIONAL DETAILS OF VITROLITE FACING TO SHOP FRONT



## • SPECIFICATION

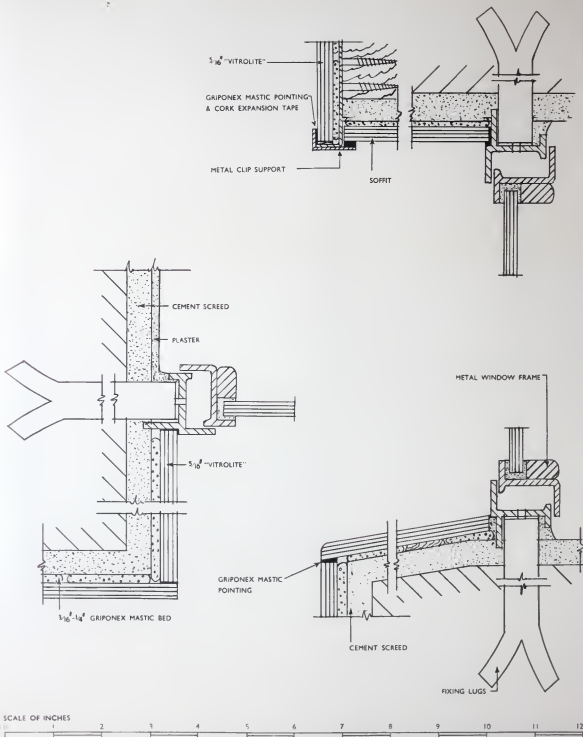
The pilasters and entrance vestibules are  $\frac{1}{4}$ " primrose Vitrolite and  $\frac{1}{4}$ " Polished black glass. Above the black glass plinth the pilasters between the windows consist of primrose panels with 1" wide horizontal strips of  $\frac{1}{4}$ " polished black glass. These bands project  $\frac{1}{4}$ " from the main wall face and metal anchors support the primrose panel above each strip. The pilasters at either side of the main entrance are composed of semicircular bent black glass plates with the 1" strip treatment continued from the adjoining pilasters. Inside the vestibule the Vitrolite panels and black strips are faceted around the concave wall surface. The curved lintel below the main fascia is faced with bent  $\frac{1}{4}$ " polished black glass supported on a Staybrite "Tee" section. Yellow tube lamps are carried round the curve, the holders being fixed independently to hardwood blocks finished flush with the surrounding glass.



MESSRS. HALL CROWN  
OXFORD STREET · LONDON

ARCHITECT · OLIVER P. BERNARD L.R.B.A.

# "VITROLITE" SPECIFICATIONS



DETAIL SECTION AND PLAN THROUGH WINDOW



MESSRS. MORRIS'S • WORKSOP

ARCHITECTS : J. HASLAM, SON AND HALLOLEY

## • SPECIFICATION

The facing to this building is  $\frac{5}{16}$ " black Vitrolite in panel form finishing with a band of  $\frac{5}{16}$ " tango Vitrolite and a coping of the same material. The projecting fin and bends to the tower are also in  $\frac{5}{16}$ " black Vitrolite. Fixing medium is Griponex Mastic with cork expansion tape to all horizontal joints.



## • SPECIFICATION

The skirting is  $\frac{1}{8}$ " black Vitrolite fixed with Gripon Maatic. The wall panels between the mirrors are in  $\frac{1}{8}$ " primrose Vitrolite, divided by a horizontal butt joint and held in position by vertical metal cover strips. The frieze is  $\frac{1}{8}$ " green Vitrolite with a margin of  $\frac{1}{8}$ " white Vitrolite, both fixed with metal strips. The mirrors are  $\frac{1}{8}$ " pink Polished Plate silvered glass, with brilliant cut "V" lines, and backed with laminated lead and one coat of paint, surrounded by  $\frac{1}{8}$ " green Vitrolite and pink mirror with shaded sandblast flutes.



J. LYONS & CO. LTD · MADDUX STREET · LONDON

ARCHITECTS : ARCHITECTS' DEPARTMENT, CADBY HALL





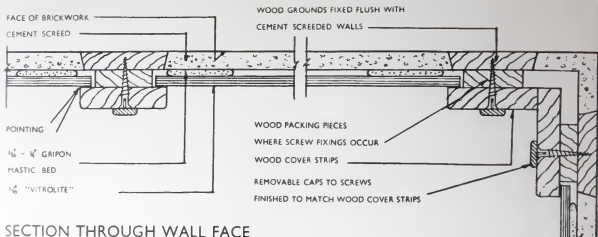
CARLA BECK MILK BAR • SKIPTON

ARCHITECT: FRANK SUDDARDS F.S.A.

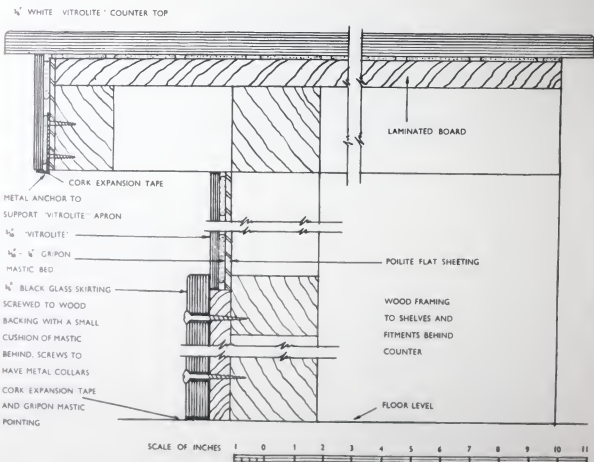
## • SPECIFICATION

The pilasters and fascia are in  $\frac{5}{8}$ " primrose Vitrolite with plinth and narrow bands in  $\frac{3}{4}$ " black Toughened Glass. Window bottoms are in  $\frac{5}{8}$ " eggshell Vitrolite.

# "VITROLITE" SPECIFICATIONS



SECTION THROUGH WALL FACE



VERTICAL SECTION THROUGH COUNTER FRONT



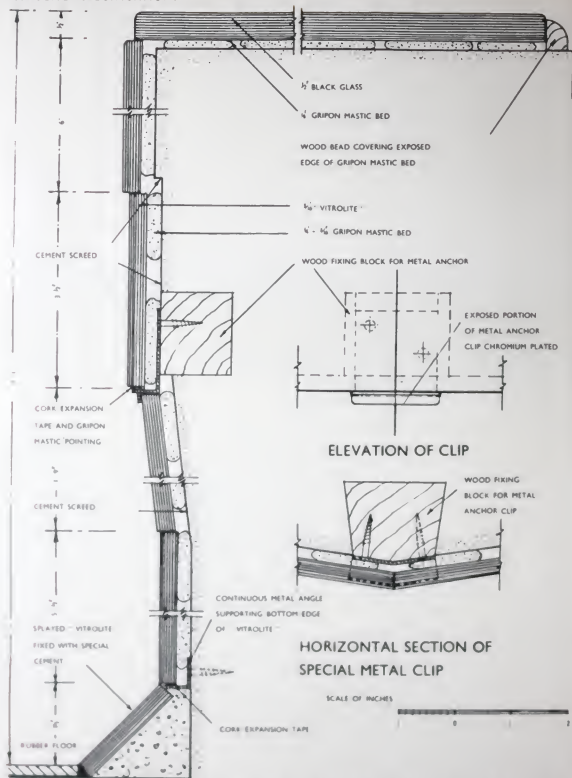


MESSRS. HONEY DEW LTD · LONDON

## • SPECIFICATION

Vitrolite wall lining and counter in one of Messrs. Honey Dew's Branches. The scheme comprises panels of  $\frac{1}{8}$ " white Vitrolite fixed to the walls by wood cover strips. On the back wall behind the counter a  $\frac{3}{4}$ " white Vitrolite shelf is supported on wood brackets. The counter front consists of a  $\frac{3}{4}$ " black Vitrolite skirting screwed to wood backing and projecting beyond the face of the  $\frac{1}{8}$ " white Vitrolite panels above. Immediately above this, but forward from the face, there is an apron piece of  $\frac{1}{8}$ " white Vitrolite supported on metal anchors which finishes under the projecting  $\frac{3}{4}$ " white Vitrolite counter top. All exposed edges of the Vitrolite are polished.

# "VITROLITE" SPECIFICATIONS



DETAILS OF COUNTER FRONT IN VITROLITE



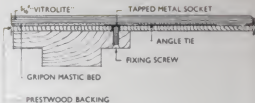
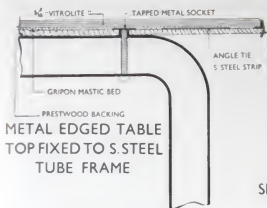
TELEPHONE ROOM · STRAND CORNER HOUSE · LONDON

ARCHITECTS : ARCHITECTS' DEPARTMENT, J. LYONS &amp; CO. LTD., CADBY HALL

## • SPECIFICATION

The scheme consists of  $\frac{5}{16}$ " green Vitrolite  $1\frac{1}{2}$ " deep fixed on the splay with alternating and diminishing bands of  $\frac{5}{16}$ " green and primrose Vitrolite meeting a plaster cove cornice. The Vitrolite is carried into each telephone cubicle in which is fixed a shelf of  $\frac{3}{4}$ " thick polished black glass let into the wall on three sides to take telephone instrument. A feature has been made of the counter with faceted front. The primrose Vitrolite panels above the green Vitrolite skirting have been sloped forward, the top edge being held back by chromium-plated clips which also support the green Vitrolite band above. The top band of primrose Vitrolite has its top edge slightly rounded and polished, meeting the  $\frac{1}{4}$ " thick polished black glass counter top upon which is fixed metal framing to take the obscured glass screen.

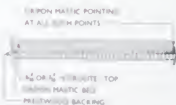
# "VITROLITE" SPECIFICATIONS



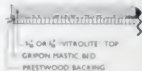
SECTIONS



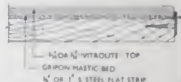
PLANS



SECTION THROUGH TOP

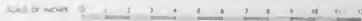


SECTION THROUGH TOP



METHOD OF FIXING

"VITROLITE" TO EXISTING WORK



DETAIL SECTION AND PLAN THROUGH SPECIAL TABLE TOPS



MESSRS. W. D. & H. O. WILLS · BEDMINSTER · BRISTOL

## • SPECIFICATION

The tops to the tables are  $\frac{7}{16}$ " white Vitrolite with all edges polished, fixed with Gripon Mastic to wood tops which have previously been treated with Gripon Sealer.

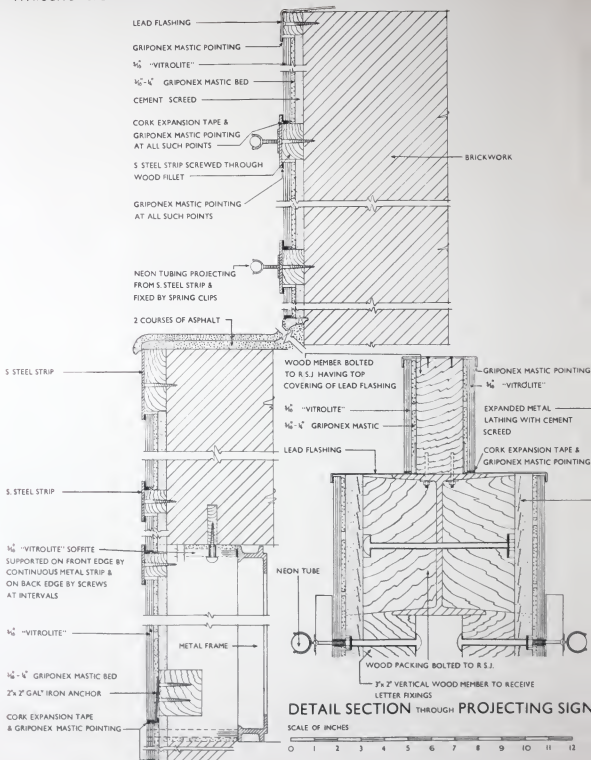


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## EXTERIOR USES

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# "VITROLITE" SPECIFICATIONS



DETAIL SECTION THROUGH FRONTAGE OF BUILDING



## • SPECIFICATION

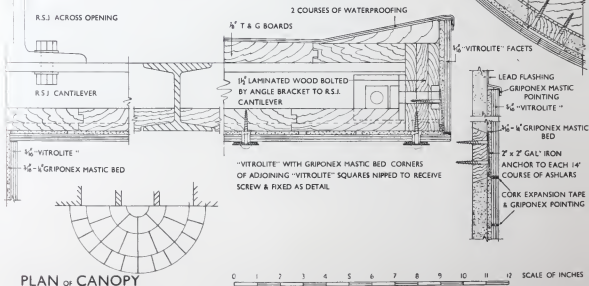
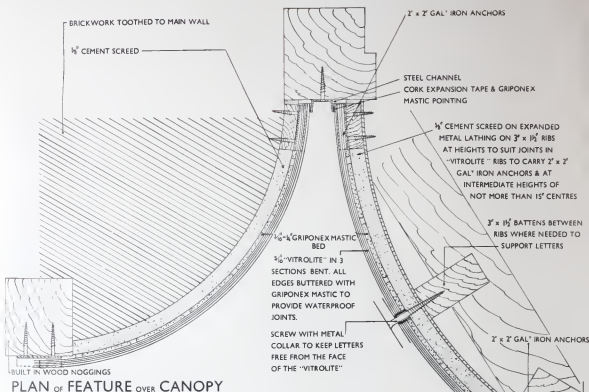
Above the canopy, the wall is faced with  $\frac{5}{16}$ " black and  $\frac{3}{16}$ " green Agate Vitrolite from the top of the canopy to the parapet, with bends to corner in alternate strips of  $\frac{5}{16}$ " black and green Vitrolite. Below the canopy, the piers and returns on each side of the entrance are faced with  $\frac{5}{16}$ " black Vitrolite with  $\frac{5}{16}$ " black Toughened plinths.



ODEON CINEMA · KETTERING

ARCHITECT: H. W. WEEDON A.R.I.B.A.

# "VITROLITE" SPECIFICATIONS



## DETAIL SECTION THROUGH CANOPY



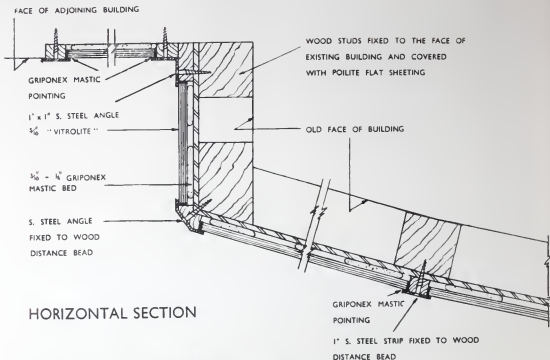
SAVOY CINEMA · NOTTINGHAM

ARCHITECT : R. W. COOPER A.R.B.A.

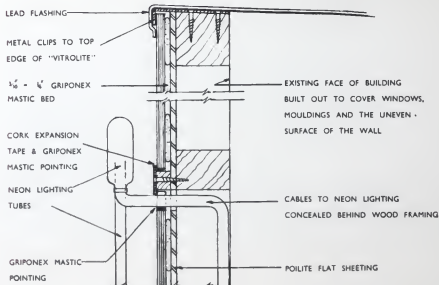
## • SPECIFICATION

Below the canopy is  $\frac{1}{16}$ " black Vitrolite and above is  $\frac{1}{16}$ " green Agate Vitrolite with black Vitrolite bands. The two side columns are in bent green Agate Vitrolite, while black Vitrolite has been used for the centre column.

# "VITROLITE" SPECIFICATIONS

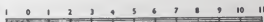


## HORIZONTAL SECTION



## VERTICAL SECTION

SCALE OF INCHES



DETAIL SECTIONS THROUGH FACE OF BUILDING

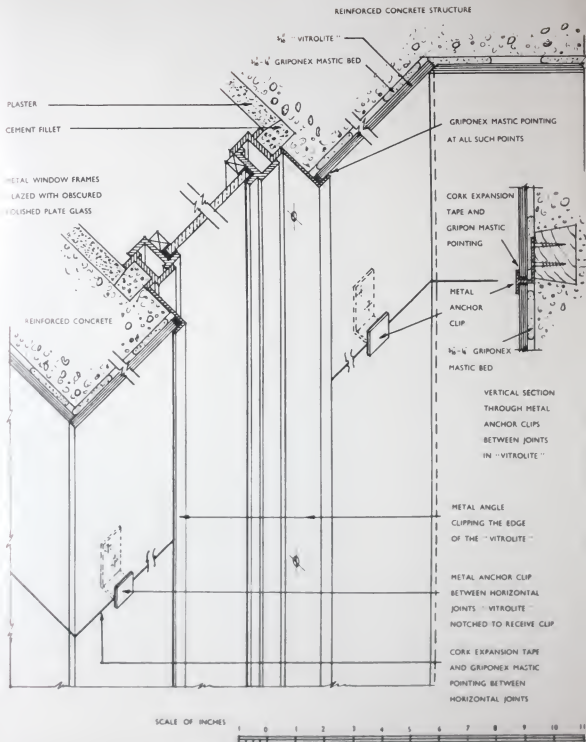
## • SPECIFICATION

The front is covered with  $\frac{5}{16}$ " green and  $\frac{5}{16}$ " black Vitrolite, fixed with a cushion of Gripnax Mastic and 1" stainless steel cover strips. The backing is Polite flat sheeting secured to studs arranged to coincide with the jointing, and the strips are screwed to the framing. Neon lighting is carried over the face of the Vitrolite with the leads and holders disposed in the joints as far as possible to obviate drilling. At the top of the building the Vitrolite and mastic are protected by a lead flashing dressed over the coping.



CARLTON CINEMA • BEXHILL

# "VITROLITE" SPECIFICATIONS



AXONOMETRIC SKETCH THROUGH WINDOW



## • SPECIFICATION

The entrance is of  $\frac{1}{16}$ " royal blue Agate Vitrolite. The ceiling to the canopy is covered with  $\frac{1}{16}$ " ivory Vitrolite held in position by metal Tee strips. Above the canopy are panels of  $\frac{1}{16}$ " royal blue Agate and  $\frac{1}{16}$ " primrose Vitrolite.

"CINE PLAZA" · CALLE CORRIENTES  
BUENOS AIRES

ARCHITECT: SEÑOR ALBERTO BAUER

- SPECIFICATION The plate is of  $\frac{1}{8}$ " Thick Tempered Glass with  $\frac{1}{16}$ " thick Vitrolite above. The substrates of the window and door are of  $\frac{1}{8}$ " thick Vitrolite, which makes behind the outer window frame.

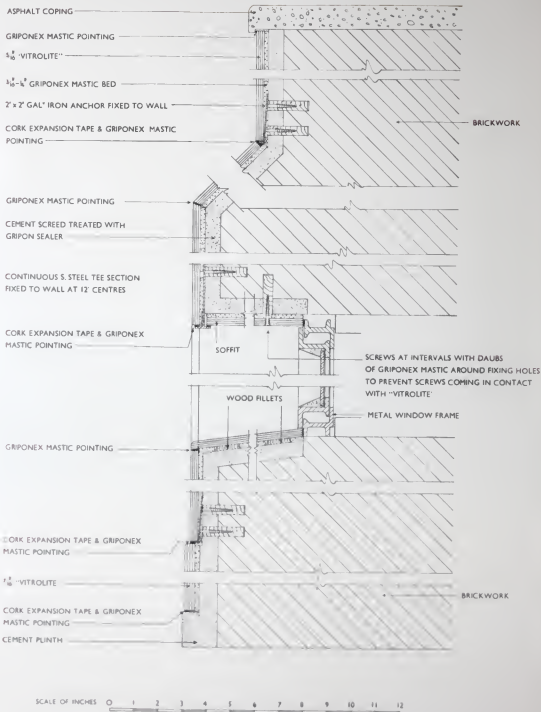




THE INKERMEN COTTAGE HOTEL WEST BROMWICH

ARCHITECTS | P. OSBORNE & SON

# "VITROLITE" SPECIFICATIONS



DETAIL SECTION THROUGH VITROLITE ON WINDOW WALL



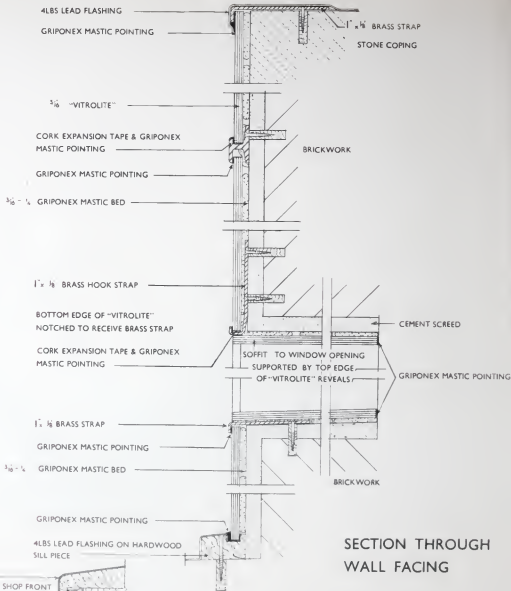
ROMAC BUILDING · HENDON

ARCHITECTS : M. E. & O. H. COLLINS F.F.R.I.B.A.

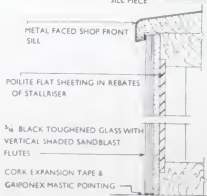
## • SPECIFICATION

The facing to this building consists of alternate courses of  $\frac{5}{16}$ " black and  $\frac{5}{16}$ " golden Agate Vitrolite with a bottom course of  $\frac{7}{16}$ " black Vitrolite. The whole installation is fixed with Griponex Mastic to a Portland cement screeded wall, which has previously been treated with Gripon Sealer.

# "VITROLITE" SPECIFICATIONS



SECTION THROUGH WALL FACING



SECTION THROUGH STALLRISER



MESSRS. REED MILLICAN AND CO. LTD

## • SPECIFICATION

The stall risers and pilasters are in  $\frac{5}{16}$ " black Toughened Glass, the stall risers having shaded sandblast flutes. The fascia is of Toughened Plate Glass with sandblast letters painted white, illuminated by concealed tubular lighting. The walls above the fascia are covered with  $\frac{5}{16}$ " royal blue Agate Vitrolite and the window reveals are in  $\frac{5}{16}$ " tango Vitrolite.

The fixing method is a cushion of Griponex Mastic with metal cover strips to Portland cement screeded walls which were first treated with Gripon Sealer.



MESSRS. REED MILLICAN & CO. LTD.  
NEWCASTLE

- SPECIFICATION This Vitrolite installation has a base of  $\frac{7}{16}$ " black with panels of  $\frac{5}{16}$ " turquoise, and wedgwood above. The door and window reveals are of  $\frac{5}{16}$ " tango Vitrolite, and above is  $\frac{5}{16}$ " pearl grey, finishing with a band of  $\frac{7}{16}$ " black Vitrolite.



MINER'S HALL CINEMA · WHEATLEY HILL · DURHAM

ARCHITECT J. N. FATKIN L.R.B.A.

● SPECIFICATION

This installation has a  $\frac{3}{4}$ " polished black glass plinth with pilasters and fascia of  $\frac{5}{16}$ " primrose Vitrolite and bands of  $\frac{5}{16}$ " green Vitrolite at the top.

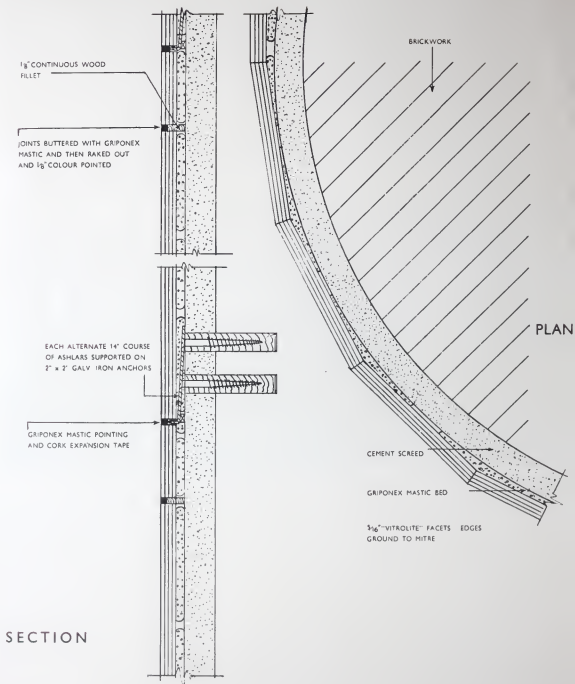




WOODHALL GARAGE CALVERLEY Nr. BRADFORD

ARCHITECT EDWIN BRAY 1931-32

# "VITROLITE" SPECIFICATIONS



DETAIL SECTION AND PLAN THROUGH WALLING



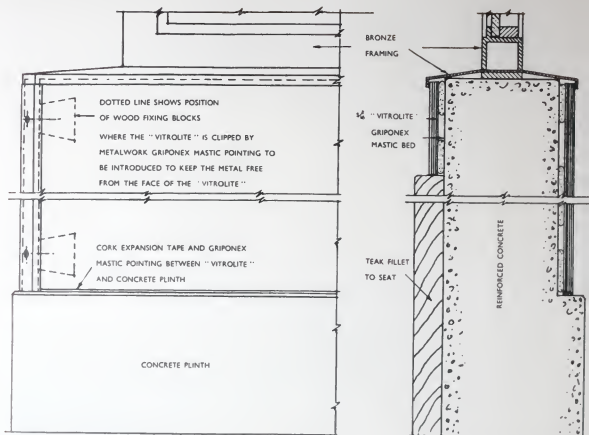
ENAGH GENERAL HOSPITAL · CO. TIPPERARY · I.F.S.

ARCHITECT: VINCENT KELLY B.A.R.C.H. (N.U.I.), F.R.I.A.I., F.R.I.B.A.

## SPECIFICATION

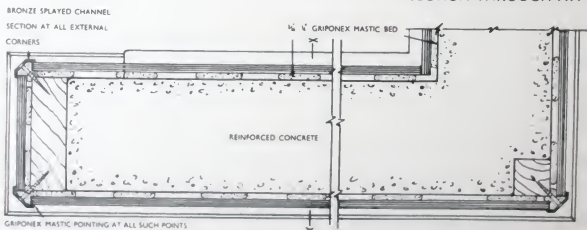
This entrance is of  $\frac{3}{16}$ " black Vitrolite with relief bands of  $\frac{3}{16}$ " tango Vitrolite fixed to a Portland cement screeded wall with Gripon Sealer and Griponex Mastic. A feature has been made of the horizontal joints, which are pointed in colour.

# "VITROLITE" SPECIFICATIONS



PART ELEVATION

SECTION THROUGH XX



HORIZONTAL SECTION

SCALE OF INCHES



## CONSTRUCTIONAL DETAILS OF PROMENADE SHELTERS

## ● SPECIFICATION

These shelters are constructed in reinforced concrete with Plate glass screens framed in bronze,  $\frac{5}{16}$ " primrose and green Agate Vitrolite with a  $\frac{1}{16}$ " black Vitrolite base. The concrete substructure was treated with Griponex Sealer and the Vitrolite fixed with Griponex Mastic above a projecting concrete plinth. Along the upper edges of the Vitrolite a bronze sill lips over and forms a weatherproof joint. A special splayed channel section in bronze is fixed at all vertical external angles, giving a watertight corner and additional protection. The Vitrolite is scribed to a teak fillet at the ends of the seats and is continued along the backs for a depth of 3 ins. below the sills.



PROMENADE SHELTERS · HASTINGS

ARCHITECT:  
THE BOROUGH AND WATER ENGINEERS' DEPARTMENT  
SIDNEY LITTLE, M.Inst.C.E.

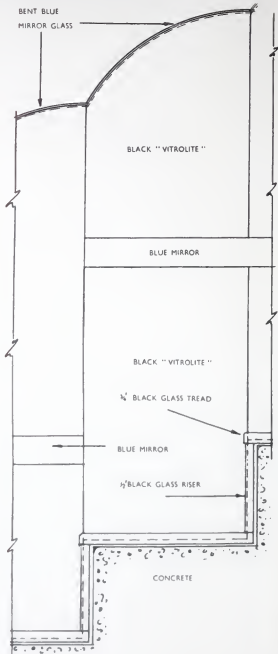


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**STAIRCASES AND  
OFFICES**

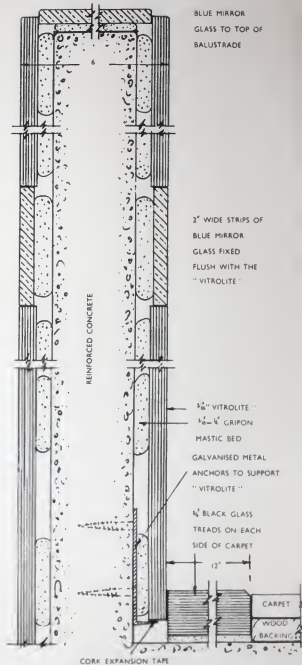
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# "VITROLITE" SPECIFICATIONS



PART ELEVATION

SCALE OF INCHES



SECTION THROUGH BALUSTRADE

SCALE OF INCHES



## CONSTRUCTIONAL DETAILS OF STAIRCASE



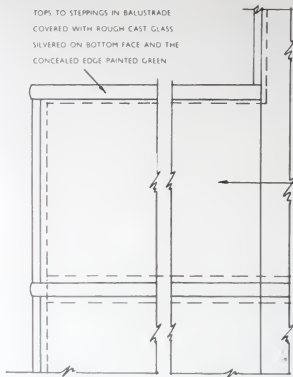


HOUSE OF H. P. BRAZIER, ESQ · WORTHING

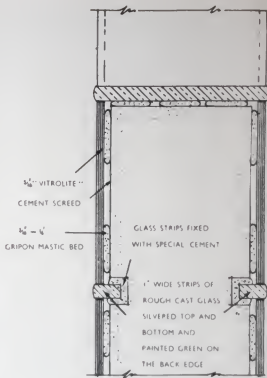
## • SPECIFICATION

The walls to the underside of the balcony are panelled in wood. The door architraves are of  $\frac{1}{4}$ " standard blue polished Plate glass silvered, stippled on the face. Immediately inside the front door is a  $\frac{3}{16}$ " thick black glass panel with a sandblast design (not shown in the photograph). The staircase wall is lined with  $\frac{3}{16}$ " black Vitrolite relieved at intervals with strips of blue glass mirror, and below is a cupboard with sliding doors. Stair margins and risers are of  $\frac{3}{4}$ " thick polished black glass. The top of the balustrade is covered with bent blue glass mirror panels fixed with Gripon Mastic. The remainder of the walls are covered with  $\frac{3}{16}$ " primrose Vitrolite and blue glass mirror bands, and all the columns are of black Vitrolite panels with shaded sandblast flutes. A decorative shaded sandblast panel in  $\frac{3}{16}$ " black glass is at the top of the stairs.

# "VITROLITE" SPECIFICATIONS

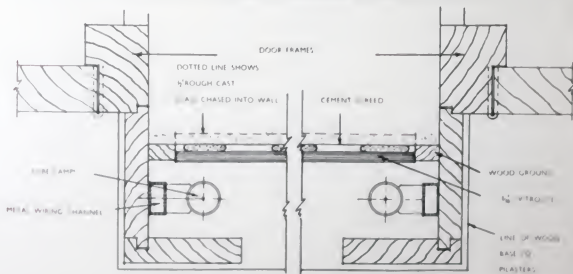


ELEVATION



VERTICAL SECTION

## PORTION SHOWING STEPPINGS TO BALUSTRADE



SCALE OF INCHES



## SECTION THROUGH PILASTERS BETWEEN ENTRANCE DOORS



BAND PAVILION · CLACTON-ON-SEA

SURVEYOR TO THE URBAN DISTRICT COUNCIL

W. AISTON M Inst M AND C E

## • SPECIFICATION

The walls of the café and piers in the main hall are faced in  $\frac{1}{8}$ " Vitrolite in graded bands of golden Agate and primrose. Each course is separated by a strip of  $\frac{1}{2}$ " Rough Cast Plate glass on edge, let into the joint and fixed in a chase in the rendering. The same material is fixed on the top of the balustrade. The Vitrolite is faceted round the curved walls of the stairs and café.

## • SPECIFICATION

The *Specification* is a document that describes the requirements for a system. It is a contract between the client and the developer. It defines the scope, objectives, and constraints of the project. It also serves as a guide for the development team and a basis for testing and evaluation.

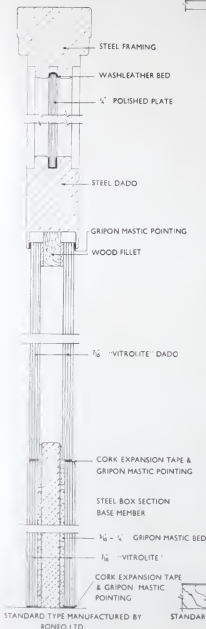


STAIRCASE · MESSRS. J. & H. SMITH · THE HEADROW · LEEDS

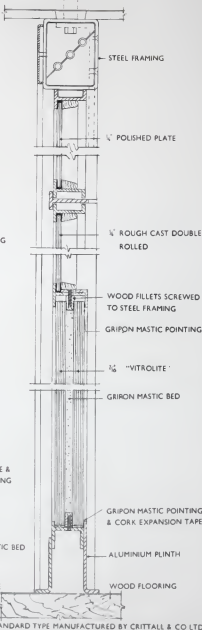
ARCHITECT: C. CASTELOW ARIBA

# "VITROLITE" SPECIFICATIONS

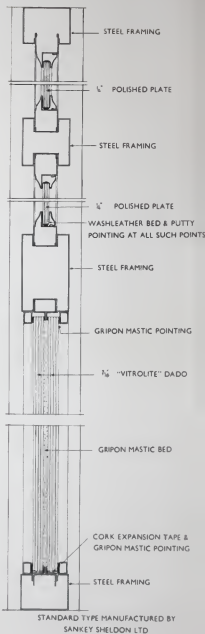
SCREEN No 1



SCREEN No 2



SCREEN No 3



SCALE OF INCHES 0 1 2 3 4 5 6 7 8 9 10 11 12

DETAIL SECTIONS THROUGH SCREENS



OFFICES • MESSRS. PILKINGTON BROTHERS LTD • DONCASTER

## • SPECIFICATION

These photographs illustrate the suitability of Vitrolite as a means of providing a permanent decorative dado for partitions in offices, hospitals, etc. The Vitrolite is double glazed in metal frames with clear or obscured glass above.

The drawing on the opposite page shows three standard types of partitions.

## ● SPECIFICATION

The floor is of  $\frac{5}{16}$ " pressed black Vitrolite tiles with inlay bands of  $\frac{5}{16}$ " ivory Vitrolite, laid and grouted in Portland cement to a gauge of 6 to 1 lineal foot. The electric fire surround and dado (in which are incorporated frameless Vitrolite sliding doors to cupboards) are in  $\frac{5}{16}$ " black Vitrolite. The walls are  $\frac{5}{16}$ " turquoise Vitrolite with inlaid strips of  $\frac{5}{16}$ " shell pink Vitrolite. The decorative panel on the left consists of  $\frac{5}{16}$ " black Vitrolite, the design being carried out in platinum and gold lines painted and fired into the surface. The pilasters on either side are of  $\frac{1}{4}$ " silvered Polished Plate Glass with brilliant cut and polished flutes.





WAITING ROOM · MESSRS. PILKINGTON BROTHERS LIMITED · DONCASTER

## • SPECIFICATION

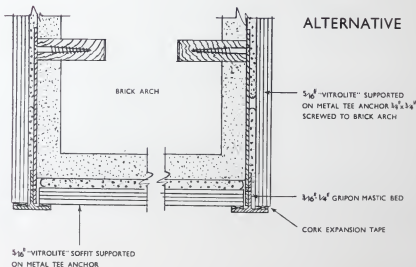
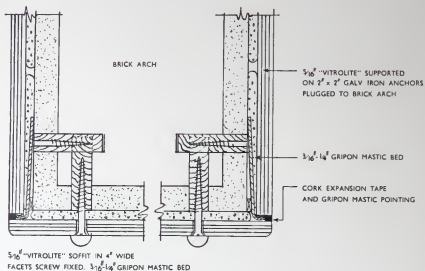
The format of approximately 18 to 20 pages and a final page that is the remainder of the phone book will be printed on standard 8 1/2" x 11" paper. The string is 18 1/2" long. The string will be used in the same format as other pages.



NETHER HALL COUNCIL OFFICES · DONCASTER

ARCHITECTS: MESSRS. WALKER & THOMPSON F.R.I.B.A.

# "VITROLITE" SPECIFICATIONS



SCALE OF INCHES



DETAIL SECTION THROUGH BRICK ARCH



VIEW BEFORE FIXING



SHOWING VITROLITE FIXED

PASSAGE AT THE BEEHIVE INN · BIRMINGHAM  
(for Messrs. Atkinsons' Brewery)

ARCHITECT: W. S. CLEMENTS F.R.A.

## • SPECIFICATION

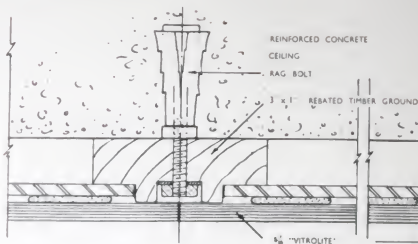
This passage is lined with  $\frac{1}{8}$ " ivory Vitrolite in 14" x 21" ashlar with  $\frac{1}{8}$ " walnut Agate Vitrolite skirting and bent band of ivory Vitrolite to the rounded corner. The archway has a soffits faced with  $\frac{1}{8}$ " walnut Agate strips screwed into wood plugs let into the plaster. All architraves and reveals to doors and windows are  $\frac{1}{8}$ " walnut Agate.



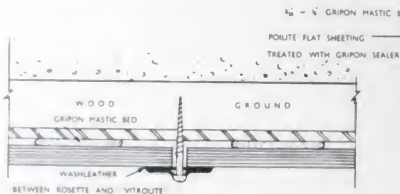
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## CEILINGS

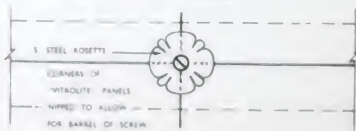
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SECTION THROUGH CEILING



SECTION THROUGH ROSETTES  
AT INTERSECTION OF PANELS.



PLAN OF ROSETTE FIXING

SCALE OF INCHES



DETAIL SECTION AND PLAN THROUGH CEILING





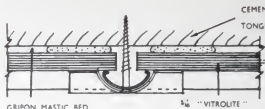
DAIRY · LEEDS INDUSTRIAL CO-OPERATIVE SOCIETY, LTD.

ARCHITECT : F. MILNES P.A.S.I.

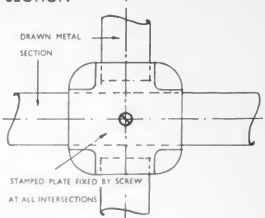
## • SPECIFICATION

This ceiling and the beams are covered with  $\frac{5}{16}$ " white Vitrolite with a border of  $\frac{5}{16}$ " green Vitrolite. The panels are fixed with metal rosettes screwed into wood grounds, with a cushion of Gripon Mastic between the Vitrolite and the background, which has previously been treated with Gripon Sealer. The Vitrolite is supported on the external angles of the beams with a splayed metal angle section.

# "VITROLITE SPECIFICATIONS"

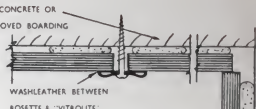


SECTION

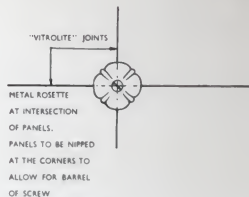


PLAN

SCHEME No. 1

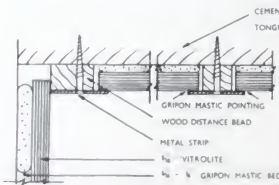


SECTION



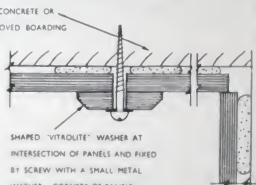
PLAN

SCHEME No. 2



SECTION

SCHEME No. 3



SECTION

SCHEME No. 4

SCALE OF INCHES



## ALTERNATIVE METHODS OF FIXING VITROLITE CEILINGS



CEILING · MESSRS. APLIN & BARRATT · BATTERSEA

## • SPECIFICATION

The lining to this ceiling is  $\frac{5}{16}$ " white Vitrolite in 24"×24" squares. The Vitrolite is held in position with stainless steel screws and metal rosettes to wood grounds with a cushion of Gripon Mastic between the Vitrolite and the concrete ceiling which has previously been treated with Gripon Sealer.

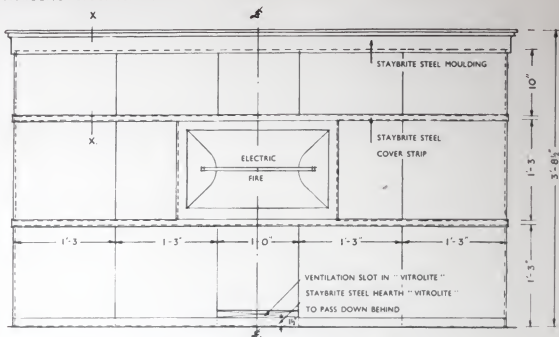


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MISCELLANEOUS

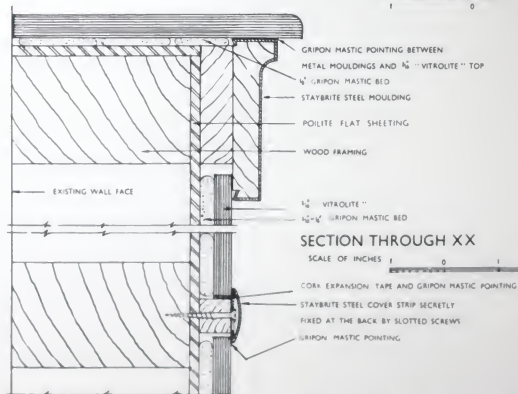
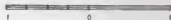
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# "VITROLITE" SPECIFICATIONS



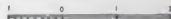
ELEVATION OF FIREPLACE

SCALE OF FEET



SECTION THROUGH XX

SCALE OF INCHES



DETAILS OF FIREPLACE SURROUND IN VITROLITE



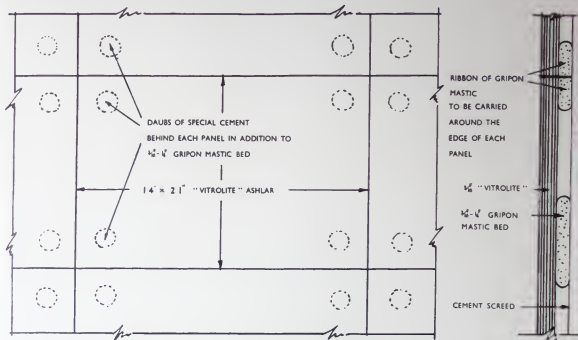
HOUSE IN REGENT'S PARK · LONDON

ARCHITECT: E. FINDLAY SMITH

## • SPECIFICATION

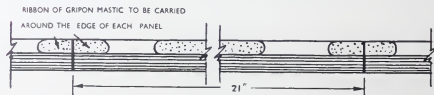
The fireplace surround is of  $\frac{3}{16}$ " walnut Agate Vitrolite in  $10" \times 15"$  and  $15" \times 15"$  ashlar fixed with Gripon Mastic to a backing of Poulite flat sheeting. Stainless steel is used for the hearth, capping and segmental-section bands; capping and bands give additional support to the Vitrolite, and a shelf in walnut Agate rests on the former. The flange of the fire is superimposed on the face of the Vitrolite and ventilation is obtained through a narrow slot immediately above the hearth.

# "VITROLITE" SPECIFICATIONS



ELEVATION OF PANELS

SCALE OF INCHES



HORIZONTAL SECTION

CORK EXPANSION TAPE AND GRIPSON MASTIC POINTING

TERRAZZO SKIRTING

VERTICAL SECTION

SCALE OF INCHES



DETAIL PLAN AND SECTION FOR TORQUAY SWIMMING BATHS





SWIMMING BATHS · TORQUAY

ARCHITECT: P. W. LADMORE A.M.I.C.E.

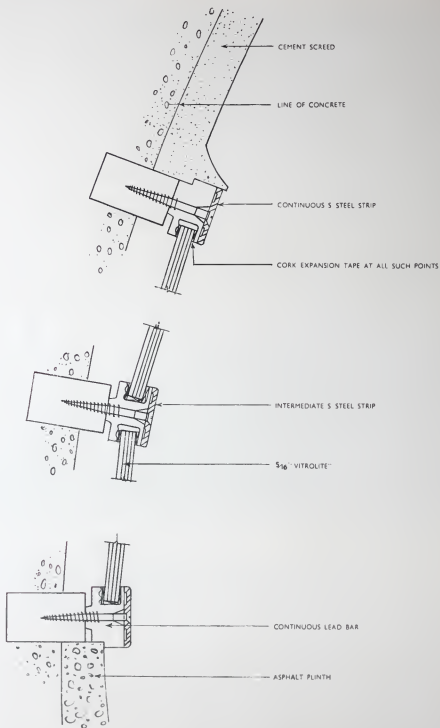
BOROUGH ENGINEER

## • SPECIFICATION

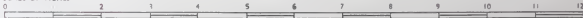
*Balcony* : The wall lining consists of alternate courses of  $\frac{5}{16}$ " primrose and pearl grey Vitrolite ashlars with relief in the form of  $\frac{5}{16}$ " black and pearl grey Vitrolite bands. Two panel features in  $\frac{5}{16}$ " eggshell Vitrolite ashlars between vertical black Vitrolite strips are bordered with pilasters of black Vitrolite with shaded sandblast flutes.

*Under Balcony* :  $\frac{5}{16}$ " pearl grey Vitrolite ashlars are fixed on the base with  $\frac{5}{16}$ " primrose Vitrolite above. The panel features between the windows are in  $\frac{5}{16}$ " eggshell Vitrolite with painted and fired sea waves, bordered with pilasters of black Vitrolite with shaded sandblast flutes.

# "VITROLITE" SPECIFICATIONS



SCALE OF INCHES



DETAIL SECTION THROUGH WALLING



*Photograph by courtesy of the Mersey Tunnel Joint Committee*

## MERSEY TUNNEL

ARCHITECT : HERBERT J. ROWSE F.R.I.B.A.

### • SPECIFICATION

Panels of  $\frac{5}{16}$ " black Vitrolite line the walls of the tunnel to dado height. The Vitrolite is held in position by special metal cover strips as details shown on the opposite page.

## • SPECIFICATION

The Vitrolite is fixed on a Tensarac skirting of  $\frac{1}{4}$ " primarac  
siding 14" x 21". The windows to the doors are in  $\frac{1}{4}$ " black  
Vitrolite with strips of  $\frac{1}{4}$ " strips Vitrolite between each window.  
The ceiling is of  $\frac{1}{4}$ " strips Vitrolite.

*A suggested method of doing the top of installation is shown opposite  
the photograph of the Tropic Swimming Baths in this section.*



UNDERGROUND SUBWAY · SCARBOROUGH

ARCHITECT : ARCHITECTS' AND BOROUGH SURVEYORS' DEPARTMENT

A B C D E F G H I

J K L M N O P Q

R S T U V W X -

Y Z . M<sup>AC</sup> M<sup>C</sup> &

SONS BROS. LTD.

PRESSED VITROLITE LETTERS

SCALE 0 3 6 9 12 15 18 21 24 INCHES



## FIXING INSTRUCTIONS

VITROLITE letters can be fixed to any flat surface, and are particularly suitable for use on a VITROLITE fascia.

The surface to which they are to be fixed must be clean and dry. The method of fixing is by special cement consisting of one part paste to two parts powder by weight or volume mixed well together to ensure a thorough blending.

Brush the ribbed back of each letter and apply the fixing cement all over: press carefully into position and clean off surplus cement round the edges of the letters with a putty knife.

Allow about two hours for the cement to set before hoisting the fascia into position.

Where letters have to be fixed to an existing fascia it is necessary to provide temporary support until the cement sets off—gummed paper tabs are suitable for this purpose.





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COLOUR CHART

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COLOUR CHART



**SHELL PINK**



**TANGO**



**PRIMROSE**



**IVORY**



**PEARL  
GREY**



**EGGSHELL**



**TURQUOISE**



**GREEN**



**WEDGWOOD**

ALSO BLACK OR WHITE



COLOUR CHART



**GREEN AGATE**



COLOUR CHART



**BLUE AGATE**





COLOUR CHART



**WALNUT AGATE**



COLOUR CHART



**GOLDEN AGATE**



## REFERENCES AND ACKNOWLEDGMENTS

### *Illustrations*

BATHROOM AT KEIGHLEY  
SHOW BATHROOM  
PRIVATE HOUSE, CRANLEIGH  
HOUSE AT COPMANTHORPE  
BATHROOMS AT THE SAVOY HOTEL  
EXHIBITION KITCHEN  
PORTMAN SQUARE FLATS  
  
LINCOLN CO-OPERATIVE SOCIETY  
KITCHEN, HALIFAX  
VICTORIA INFIRMARY  
GREAT EASTERN HOTEL, LONDON  
LADIES' TOILET, DALY'S  
LADIES' HAIRDRESSING SALOON, SELSDON  
PARK HOTEL  
ELECTRICITY SHOWROOMS  
PRINCE OF WALES HOTEL  
ROYAL STATION HOTEL, HULL  
FIVE WAYS HOTEL  
UNION INN, DUNFERMLINE  
BLACKPOOL WINTER GARDENS  
LIBERTON INN  
ANLABY PARK HOTEL  
C.W.S., NEWCASTLE  
LEWIS' HAIRDRESSING SALOON, GLASGOW  
C.W.S. GREENGROCERY DEPARTMENT  
MARTINS' SHOP  
  
LIVERPOOL CO-OPERATIVE SHOP  
HALL CROWN SHOP  
MORRIS'S, WORKSOP  
LYONS SHOP  
CARLA BECK MILK BAR  
HONEY DEW COUNTER  
TELEPHONE ROOM, STRAND CORNER HOUSE  
W. D. & H. O. WILLS, BRISTOL  
ODEON CINEMA  
CARLTON CINEMA  
THE INKERMANS COTTAGE HOTEL  
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REED MILLICAN BUILDING  
MINER'S HALL CINEMA  
  
WOODHALL GARAGE  
NENAGH GENERAL HOSPITAL  
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